20020914.ba v03_n393.bam.20020914

>From ???@??? Sat Sep 14 15:27:21 2002 -0500
Message-Id: <200209142027.g8EKRIhw007566@sco.theporch.com>
Date: Sat, 14 Sep 2002 15:26:57 CDT
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 3393

BOATANCHORS Digest 3393

Topics covered in this issue include:

1) ******* more radar - archives- books-- etc!
   by "Ed Sharpe" <esharpe@uswest.net>
2) Re: ******* more radar - archives- books-- etc!
   by <plmills@attglobal.net>
3) Re: ******* more radar - archives- books-- etc!
   by "Ed Sharpe" <esharpe@uswest.net>
4) Re: USS Cobia needs radar advice
   by "Marty's Refl. Drop" <polepeeg@aa4rm.ba-watch.org>
5) Re: USS Cobia needs radar advice
   by "Marty's Refl. Drop" <polepeeg@aa4rm.ba-watch.org>
6) Resistors etc. f/s
   by "Rhett T. George" <rtg@ee.duke.edu>
7) RE: USS Cobia needs radar advice
   by "Bill Hawkins" <bill@iaxs.net>
8) Re: USS Cobia needs radar advice
   by Edward Knobloch <k4pf@juno.com>

Date: Sat, 14 Sep 2002 09:10:00 -0700
Message-ID: <00ae01c25c09$2ded9080$b2e992ac@oemcomputer>
From: "Ed Sharpe" <esharpe@uswest.net>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: plmills@attglobal.net
Subject: ******* more radar - archives- books-- etc!
MIME-Version: 1.0
Content-Type: text/plain;
    charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Greetings Phil,

Fortunately there are several open source initiatives for library automation software that run under Linux!

This is good for the smaller organization that does not have 200,000 to

spend on a library automation system. the two systems that we are considering are nearing completion and at that time we shall hold a 'fly off' to determine which system we will adopt. we have a small server built at this time, the ultimate plan is a good system with redundant power supplies etc to guarantee max uptime. (any loose stuff laying around out there we would be happy to hear about for this project)

2 60 or 120 gig drives with hardware raid should also provide the data integrity that we seek, as well as hold and serve up the amount of data...

The end goal will be the same as your public library that has terminals in it as well as serving up the catalog over the internet.

In addition such a server would be able to hold a lot of online documentation that could be linked to the online catalog. Due to the time it takes to scan things in, even with the fastest of scanners, this whole undertaking will be massive, even with the material we have on hand.

we have started to download the MARC records from the library of congress for many of the books that are here.

The Library here is in an overhaul mode as we are expanding it to handle the crates of paper that seem to find their way to the doorstep here. we freed up one chunk of space just by killing off the copy machine. We did this for several reasons... space, cost of maint., and the fact you need to really crunch the book in it to get a good image. The fact we have scanners and lasers picks up some of the slack but better yet is the fact when using a digital camera on a copy stand you only have to open the book to 90 degrees rather than the 180 degree opening. from the camera output can be provided on paper, diskette or cd. (almost cheaper to burn cud's than a diskette these days!!)

We also believe that there is a need to have a centralized resource where people can post their resource catalogs to so others out there will know where they might go for information also. In a way this exists when you hit goggle and find someone's site that has prints for something you want to work on. More cataloging of private resources needs to be done though.

well back to work.... 4 boxes of microwave journals to clean and process today!

ed sharpe archivist for smecc

see us at www.smecc.org

----- Original Message -----
From: <plmills@attglobal.net>

To: "Old Tube Radios" <boatanchors@theporch.com>
Sent: Saturday, September 14, 2002 7:02 AM
Subject: Re: **********Re: USS Cobia needs radar advice

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> > From: "Don Davis" <dxguy@earthlink.net>
> > To: "ed sharpe" <esharpe@uswest.net>; "Old Tube Radios"
> > <boatanchors@theporch.com>
> > Sent: Saturday, September 14, 2002 2:19 AM
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> > > From: "ed sharpe" <esharpe@uswest.net>
> > > To: "Old Tube Radios" <boatanchors@theporch.com>
> > > Sent: Friday, September 13, 2002 10:36 PM
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Message-ID: <000701c25c04$156e4d10$68296720@W5BVB>
From: <plmills@attglobal.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: ******* more radar - archives- books-- etc!
Date: Sat, 14 Sep 2002 10:33:30 -0500
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

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probably have no time to ever scan. If you would
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BTW, your project sounds like quite an undertaking and I hope you are quite
successful with it.

thanks,
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Sent: Saturday, September 14, 2002 11:10 AM
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Message-ID: <00d401c25c0f$b4b01a60$b2e992ac@oemcomputer>
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MIME-Version: 1.0
Content-Type: text/plain;
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Greetings Phil!

address is

coury house / smecc
5802 w palmaire ave
glendale az 85301

thanks we shall be looking for your envelope!

ed sharpe archivist for smecc
see us at www.smecc.org

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From: <plmills@attglobal.net>
To: "Old Tube Radios" <boatanchors@theporch.com>
Sent: Saturday, September 14, 2002 8:33 AM
Subject: Re: ******* more radar - archives- books-- etc!

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Date: Sat, 14 Sep 2002 13:29:31 -0400 (EDT)
From: "Marty's Refl. Drop" <polepeeg@aa4rm.ba-watch.org>
Message-Id: <200209141729.NAA16505@aa4rm.ba-watch.org>
To: Old Tube Radios <boatanchors@theporch.com>

Cc: boatanchors@theporch.com, radios@sbcglobal.net
Subject: Re: USS Cobia needs radar advice

Secifically: rustic S-band dummy load

Got kinda wrapped around the e-bay axle on that one, huh?

Tom S-band 10cm is 4" for a full-wave

So make half-wave dipole outa #10 fm hdw. store & connect to it w. clear plastic speaker cord. Terminate speaker cord in 7 ea. 470 ohm 2 watt (~70 ohms) paralleled resistors immersed in a qt. motor oil. Orient dipole so it lines up across waveguide long (TM) axis.

Maggy probably makes 50kw pulses but bet avg. pwr ~200w.

Measure oil temp then ping for a minute & measure again. Temp. coef. for H20 is 1BTU /gm/cc/deg-C I think. Help here!!

Howzzat for a field expedient??? Bet it's been done beaucoups times before.

Back to e-bay rage

Date: Sat, 14 Sep 2002 13:33:32 -0400 (EDT)
From: "Marty's Refl. Drop" <polepeeg@aa4rm.ba-watch.org>
Message-Id: <200209141733.NAA16516@aa4rm.ba-watch.org>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: boatanchors@theporch.com, radios@sbcglobal.net
Subject: Re: USS Cobia needs radar advice

OK, ok, ok... dip[ole should be in blocked waveguide 1/4 wave fm wall.

But so there's gobs of 'blow-by,' so what. This is just to see if maggy's working.

From: "Rhett T. George" <rtg@ee.duke.edu>
Date: Sat, 14 Sep 2002 14:16:18 -0400 (EDT)
Message-Id: <200209141816.g8EIGIK23748@atlantic.ee.duke.edu>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Resistors etc. f/s

 - Greetings -

When he gets down to the new fangled stuff, methinks Bob Kemp is referring

to squalid-state devices. Eh?

73 Rhett - KE4HIH

From: "Bill Hawkins" <bill@iaxs.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: RE: USS Cobia needs radar advice
Date: Sat, 14 Sep 2002 14:22:12 -0500
Message-ID: <000901c25c24$06e2cc60$290aa8c0@darius>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

>The question is: Does anyone have any idea what could be used as a cheap
>and dirty field expedient dummy load?

Um, put a chocolate bar in your shirt pocket and stand in front of it?

That's what led to the invention of the microwave oven.

But if Marty's right about 200 watts average, I'd put the chocolate bar
on a long stick.

Regards,
Bill Hawkins

To: Old Tube Radios <boatanchors@theporch.com>
Cc: boatanchors@theporch.com
Date: Sat, 14 Sep 2002 16:25:21 -0400
Subject: Re: USS Cobia needs radar advice
Message-ID: <20020914.162521.1188.0.k4pf@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
From: Edward Knobloch <k4pf@juno.com>

One thing I've seen done (by an old Raytheon radar tech in the port
of Baltimore) was to loosen and slightly disconnect the waveguide
and insert a screwdriver blade, touching the side of the waveguide.
If plenty of sparks fly, magnetron has output. You tune the radar
receiver
by adjusting the reflex klystron local oscillator tube to pick up the
echos,
(superhet receiver with maybe 30 MHz IF) so you are not concerned

about the exact frequency you are putting out.

The old tech also hinged down the working 60 KW peak transmitter and poked around the transmitter while the 10cm waveguide output was only inches from his testes. It didn't seem to bother him, and I neglected to ask if his children had two heads.

73,
Ed Knobloch k4pf@juno.com

End of BOATANCHORS Digest 3393
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